**Grade 7 FI Mathematics**

**Materials : pencils, eraser, calculator, math set with ruler, 3 ring binder with looseleaf paper. Pencil crayons, scissors graph paper may be needed occasionally)**

**General Goal of the course: to develop mathematically literate students who can extend and apply their learning and who are effective participants in an increasingly technological society.**

**Course Objectives:**

* **To enable students to become active “doers” of mathematics**
* **To enhance student learning of problem-solving, communication, reasoning, and connections in mathematics**

**Course Timeline: \* subject to change**

**September to December: Divisibility rules, factors, linear equations, adding/subtracting fractions and mixed numbers/ addition, subtraction, multiplication and division of decimals, percent**

**January to June: Cartesian planes (plotting), transformations, circle math, area, central tendency, ratios**

**Evaluation: 40% Number Sense 30% Shape & Space 15% Patterns & relations 15% Statistics & Probability**

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